

# HIV LIPOATROPHY

The Authoritative Guide on FACIAL WASTING TREATMENT and Best OPTIONS

## Causes & Treatment of Lipoatrophy

The Exact Causes of Lipoatrophy are not fully understood from a biological scientific pathway perspective.

### Cause is HIV Medications

Studies SUGGEST that HIV Medicaitons, NRTIs and AZTs Zerit being the worst offender as it can permanently damage/ alter mitochondria and potentially cause the fat cells to die as well. Retrovir, Combovir and Trizivir are Zidovudines that may also cause lipoatrophy to a lesser extent

### Prevention/ Treatment Options

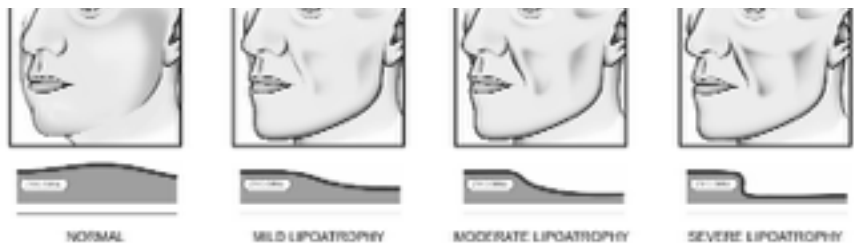
Switching suspect treatment medication to newer NRTIs that are less prone to damaging side effects is the only scientifically founded option that may reverse, stop the wasting progression. Ziread is the standard in 2014.



## What is HIV Lipoatrophy?

Lipoatrophy refers to an abnormal loss of body fat, most notably the fat immediately beneath the skin (subcutaneous fat). Lipoatrophy of the face is the primary topic of this lesson, but it can also occur in the arms, legs, buttocks, and around the waist.

One of the most prominent features of facial lipoatrophy is sunken cheeks? cheeks that have lost their fullness and appear hollow. Mild facial lipoatrophy may be barely noticeable to the person experiencing it and unnoticeable to other people. If the lipoatrophy worsens, the outlines of the facial muscles can be seen through the skin. **STAGES OF LIPOATROPHY:**





## The Best Drs: Expertise in HIV Facial Reconstruction and Credentials.

### "No Rush to Treatment"

#### Preventing Impulsive Doctor Selections and Poor Side Effects of Improper Technique

Always choose Board Certified and HIV community renowned Drs who specialize in the intricacies of facial building and resculpting with considerations on the progression of your condition and facial changes that may occur. Natural, Balanced Restoration that looks like the "Old You" is the Gold Standard. Anything else looks artificial and does not improve treatment outcomes/satisfaction in any scenario and can be a permanent addition to your look. Be safe, cautious and diligent about finding the right injector.

- [facialwasting.org](http://facialwasting.org)
- [TheBody.com](http://TheBody.com)
- [poz.com](http://poz.com)
- [liquidfacelift.com](http://liquidfacelift.com)

**Bottom Line:** Find a Doctor who Mastered HIV Injection Techniques and Trains OTHER Physician

## Facial Fillers to Correct Lipoatrophy - Options and Comparative Analysis

### Temporary Fillers

**Radiesse:** This product contains a synthetic version of calcium hydroxylapatite, a substance found in bones and teeth. Radiesse was approved for the correction of HIV-associated lipoatrophy in December 2006. It costs approximately \$1,500 per office visit, depending on the amount of Radiesse needed and the treatment fee charged by the specialist. BioForm Medical, the manufacturer of Radiesse, has set up a **patient assistance program (PAP)** to provide the filler, at a reduced cost, to HIV-positive patients who meet certain eligibility requirements.

**Sculptra:** This filler contains poly-L-lactic acid, a synthetic product that has a long history of use in reconstructive surgery. Sculptra was approved for the correction of HIV-associated lipoatrophy in August 2004. It costs approximately \$1,500 per office visit, depending on the amount of Sculptra needed and the treatment fee charged by the specialist. Dermik Laboratories, the manufacturer of Sculptra has set up a **patient assistance program (PAP)** to provide the filler, at a reduced cost, to HIV-positive patients who meet certain eligibility requirements.

### Permenant Fillers

#### Polymethylmethacrylate (PMMA; Artefill, Precise, Metacrill):

PMMA is best known for its use in manufacturing hard contact lenses and Plexiglas. These products contain small particles (microspheres) of PMMA. Artefill also contains bovine collagen; Precise and Metacrill do not. After it is injected, the body produces collagen that surrounds the PMMA microspheres. The PMMA molecules and the surrounding collagen persist indefinitely. The FDA has approved Artefill for the (non-HIV) correction of facial wrinkles, lines, and furrows.

**Caution: Polyalkylimide (Bio-Alcamid):** Bio-Alcamid is a synthetic product that can be injected using a high volume. There is very little experience testing or using Bio-Alcamid, Its used in Mexico for cosmetic and reconstructive purposes. There have been reports of infections in the tissue cavity containing the Bio-Alcamid, sometimes years later, as well as reports that the Bio-Alcamid has migrated downward into the jowls. Removal is costly and invasive.

**Hyaluronic Based Fillers are Short Lived and Not Recommended**